

Title (en)

CONTAINER FOR CRYSTALLIZATION, CRYSTALLIZATION APPARATUS, METHOD FOR PRODUCING CRYSTAL, AND SUBSTRATE FOR CRYSTALLIZATION

Title (de)

KRISTALLISIERUNGSBEHÄLTER, KRISTALLISIERUNGSVORRICHTUNG, VERFAHREN ZUR KRISTALLHERSTELLUNG UND KRISTALLISIERUNGSSUBSTRAT

Title (fr)

RÉCIPIENT POUR LA CRISTALLISATION, APPAREIL DE CRISTALLISATION, PROCÉDÉ DE PRODUCTION DE CRISTAL, ET SUBSTRAT POUR LA CRISTALLISATION

Publication

EP 2479319 A1 20120725 (EN)

Application

EP 10815301 A 20100901

Priority

- JP 2009211912 A 20090914
- JP 2010064908 W 20100901

Abstract (en)

A container for crystallization of a biopolymer of the invention is provided that includes a structure wherein two or more noble metals and/or noble metal-coated bodies are arranged at an interval of 1 to 1,000 nm. There are also provided a crystallization apparatus of a biopolymer, comprising the container for crystallization of a biopolymer, a method for producing a biopolymer crystal, comprising the steps of preparing the container for crystallization of a biopolymer, and making the structure contact with a biopolymer solution, and a substrate for crystallization of a biopolymer, having a structure wherein two or more noble metals and/or noble metal-coated bodies are arranged at an interval of 1 to 1,000 nm.

IPC 8 full level

C30B 29/58 (2006.01); **C07K 1/14** (2006.01); **C07K 1/30** (2006.01); **C30B 7/00** (2006.01); **C30B 30/00** (2006.01)

CPC (source: EP US)

C07K 1/306 (2013.01 - EP US); **C30B 7/00** (2013.01 - EP US); **C30B 29/58** (2013.01 - EP US); **Y10T 117/1024** (2015.01 - EP US)

Cited by

KR20210139343A; EP3960752A4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2479319 A1 20120725; **EP 2479319 A4 20131009**; JP 5747388 B2 20150715; JP WO2011030704 A1 20130207; US 2012204783 A1 20120816; WO 2011030704 A1 20110317

DOCDB simple family (application)

EP 10815301 A 20100901; JP 2010064908 W 20100901; JP 2011530813 A 20100901; US 201013395799 A 20100901